

**BN-LINK<sup>®</sup>**

PRODUCT # BNC-60/U129L

# OUTDOOR LIGHT SENSING COUNTDOWN TIMER



ENERGY  
SAVING

Please keep this manual

[www.bn-link.com](http://www.bn-link.com)

# FEATURES


- 7 settings: Always On, On at dusk/Off at dawn, On at dusk, - off in 2, 4, 6 or 8 hours, Always Off

## MANUALLY CONTROLLING THE TIMER

### OPERATING MODES

OFF - Power is OFF to attached devices

ON - Power is ON to attached devices

 Dusk-Dawn - Power will turn on at dusk and remain on until dawn

2 H - Power will turn on at dusk and remain on for 2 hours

4 H - Power will turn on at dusk and remain on for 4 hours

6 H - Power will turn on at dusk and remain on for 6 hours

8 H - Power will turn on at dusk and remain on for 8 hours

Press the “program” button repeatedly until the indicator light of the desired mode is lit.

Note : When selecting 2H , 4H , 6H or 8H mode, the indicator light will flash 3 times and then stay illuminated, the Dusk-Dawn indicator will also be lit. (Fig.1)



Fig.1

## TROUBLESHOOTING

- **PROBLEM:**

Devices do not turn on at dusk.

- **POSSIBLE CAUSE:**

Timer is located in an area with too much ambient light for the photocell to sense darkness.

- **CORRECTIVE ACTION:**

Move the timer to another location where there is no ambient light.

- **PROBLEM:**

Devices do not turn on when the timer is in the "ON" position.

- **POSSIBLE CAUSE:**

Connected devices are not in the "ON" position or are not functioning. Light bulbs need to be replaced.

- **CORRECTIVE ACTION:**

Ensure the connected devices are functional by plugging them directly into the outlet. Be sure the connected devices are in the "ON" position if they have their own switch. Make sure the outlet the timer is plugged into is active - the LED should light up when plugged into an outlet and in the "ON" position. Check the bulbs and replace if necessary.

- **PROBLEM:**

Lights are flashing (turning on and off).

- **POSSIBLE CAUSE:**

Timer is in Dusk-to-Dawn mode and light from connected lights is affecting the photocell.

- **CORRECTIVE ACTION:**

Move the lights away from the timer, or reposition the timer so it does not face the lights directly.

● **PROBLEM:**

Timer power indicator light is not “on”.

○ **POSSIBLE CAUSE:**

Timer is not fully plugged into the outlet. Circuit breaker connected to the outlet has tripped.

○ **CORRECTIVE ACTION:**

Make sure the timer is fully plugged into the outlet.

Check the circuit breaker connected to the outlet and reset it if needed.

## HELPFUL TIPS

- This timer is weather-resistant and rated for outdoor use. The timer will function outdoors when installed and operated as outlined in this manual.
- This timer operates using a light-sensitive photocell that senses when the environment is getting dark (dusk) or light (dawn). The photocell is located below the “ ” sensor on the face of the timer.
- Once programmed, the timer activates at dusk in the 2hr, 4hr, 6hr or 8hr mode, the program cycle will complete before the timer resets. Headlights, porch lights, street lamps and other external lighting sources will not interfere with the active timer program.
- In the dusk-to-dawn mode, temporary light sources like headlights, porch lights and other external light sources will not interfere with the photocell function unless the external light source is on for more than 15 minutes. In that case, the timer will shut off until darkness is restored.
- When set to “ON”, the timer will provide continual power to attached devices until the timer is switched to “OFF”, or to any of the other operating modes.
- Do not place the timer hidden in bushes where it won't sense daylight.

- It may take until complete darkness for the photocell to turn on power to the timer.
- Do not use extension cords to connect the timer to the power source.

## SAFETY INFORMATION & SPECIFICATIONS

FOR USE OUTDOORS AND MUST BE PLUGGED INTO A GFCI (GROUND FAULT CIRCUIT INTERRUPTER).



This is a “GROUNDED” device. The male plug contains a ground pin and is only intended for use with a three-pronged grounded outlet. This device is for use with a 125 VAC power source.

### Electrical Ratings:

125VAC/60Hz 15A 1875W Resistive  
10A 1250W Tungsten and Ballast 1/2HP

Do not exceed the maximum load of 15A (approximately 1875W)

### DO NOT LAY TIMER ON THE GROUND.

This timer has an eye-hole in the cord strain relief from which to securely hang it close to the outdoor electrical outlet.

1. INSTALL TIMER to a vertical flat surface close to a properly installed outdoor-rated grounded receptacle
  - a. Using a screw or hook (not included), secure the MOUNTING TAB at the top of the timer to a wall or post. (Fig.2)



Fig.2



**WARNING: CHOKING HAZARD** - Small Parts.

Not for children under 3 years.



Works with CFL, LED  
& Incandescent light sources

# FCC REGULATORY STATEMENT

**WARNING:** Changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate the equipment. This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

## IC REGULATORY STATEMENT

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

## WARNING

### **Risk of Electric Shock**

- Keep children away
- Unplug timer before cleaning
- Fully insert plug
- Do not use near standing water.

### **Risk of Fire**

- Do not use to control appliances that contain heating elements (cooking appliances, heaters, irons, etc.)
- Do not exceed electrical ratings.

## **BN-LINK INC.**

12991 Leffingwell Avenue, Santa Fe Springs  
Customer Service Assistance: 1.909.592.1881

E-mail: [support@bn-link.com](mailto:support@bn-link.com)

[Http://www.bn-link.com](http://www.bn-link.com)

Hours: 9AM - 5PM PST, Mon - Fri

Designed in California Made in China